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WORKMAN NYDEGGER/MICROSOFT
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UT 84111

EXAMINER

PAULA, CESAR B

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 05/12/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/010,190	Applicant(s) GOODACRE ET AL.	
	Examiner CESAR B. PAULA	Art Unit 2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 and 41-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-39 and 41-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the amendment filed on 1/21/2005.

This action is made Final.

2. In the amendment, claim 40 has been canceled. Claims 1-39, and 41-44 are pending in the case. Claims 1, 27, 41 and 43 are independent claims.

3. The rejections of claims 1-15, 17-19, and 24-44 rejected under 35 U.S.C. 103(a) as being unpatentable over Pfister et al, hereinafter Pfister (USPub. # 2003/0046365 A1, 3/6/2003, filed on 9/4/2001), in view of Twaddle (US Pub. # 2004/0015476 A1 1/22/2004, PCT filed on 8/31/2001) have been withdrawn as necessitated by the amendment.

4. The rejections of claims 16, and 20-23 rejected under 35 U.S.C. 103(a) as being unpatentable over Pfister, in view of Twaddle, and further in view of Orhormuru (US Pub. # 2003/0061106 A1 3/27/2003, filed on 9/21/2001) have been withdrawn as necessitated by the amendment.

Drawings

5. The drawings filed on 12/5/2001 have been approved by the examiner.

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Claim Objections

6. Appropriate correction has been made to claim 22. Therefore, the objections to claims 22-23 have been withdrawn.

Claim Rejections - 35 USC § 112

7. Appropriate corrections have been made to claims 1-44 rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Therefore, the rejections have been withdrawn.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 1-14, 17-19, and 24-39, 41-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pfister et al, hereinafter Pfister (USPub. # 2003/0046365 A1, 3/6/2003, filed on 9/4/2001), in view of Donohue et al, hereinafter Donohue (US Pat. # 5,987,480, 11/16/1999), and further in view of Lewis, R., Adobe PageMill 2.0 Handbook, hereinafter Pagemill, Hayden Books (12/1996, chapter 10).

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Regarding independent claim 1, Pfister discloses the personalization or customization of static, and dynamic content on web pages to be presented on a WML device(s) (0051, 0054, 0058).

Moreover, Pfister teaches that templates are produced for presenting data to WML devices. The presented data takes the form of information, such as ads which are changed or rotated by a cache in accordance with a schedule (0051, 0059, 0061).

In addition, Pfister teaches using identifiers for identifying static content in the template, such as block 410 displayed in the top part of the web page in fig.4, used in loading, and presenting a web page from a cache (0051, lines 1-3, 0059, lines 14-0061, fig.4). In other words, the template identifiers, represent the static content 410 and its position/layout in the web page.

Moreover, Pfister fails to explicitly disclose: *creating a template file at a network computing device*. However, Donohue teaches the creation, and storage of dynamic templates on an Internet server-- *network computing device* (col.6, lines 17-32). It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine Pfister, and Donohue, because Donohue discloses providing web pages, which are individualized to particular needs and interests of users over the Internet, in a way which is transparent to the users, and does not require the storage of large number of documents. This makes the web a more effective commercial tool (col. 3, lines 9-18, and col.4, lines 1-16).

Moreover, Pfister teaches using identifiers--*references*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers,

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represent the dynamic content 412 and its position/layout in the web page-- *including the static content, the references to the dynamic content, as well as corresponding layout information in a template file.*

Moreover, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page. Pfister fails to explicitly disclose: *generating computer-executable instructions for substituting at the mobile computing device for the one or more references to the dynamic content included in the template file.* However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*— included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Moreover, Pfister teaches using identifiers sending a web page, containing static and dynamic information, to a client from a server-- *transferring the template file* (0037-0038, fig.1). Pfister fails to explicitly disclose: *transferring the computer executable instructions to the mobile computing device.* However, Pagemill teaches CGI scripts -- *computer-executable instructions*—

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included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to transfer to the client the web page including the CGI scripts by combining Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 2, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page. Pfister fails to explicitly disclose: *generating computer executable in the form of markup language instructions*. Pfister fails to explicitly disclose: *executing markup language instructions*. However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 3, which depends on claim 2, Pfister teaches using HTML for presenting dynamic information, which is changed periodically, in the web page from a cache (0058-0059, fig.4). Pfister fails to explicitly disclose: *generating markup language instructions*. However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*— included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 4, which depends on claim 1, Pfister teaches using identifiers for identifying static content, such as block 410 displayed in the top part of the web page in fig.4, used in loading, and presenting a web page from a cache (0051, lines 1-3, 0059, lines 14-0061, fig.4). In other words, the template identifiers, represent the static content 410 and its position/layout in the web page.

Regarding claim 5, which depends on claim 1, Pfister teaches producing templates using identifiers—*customized extensions referencing dynamic content*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used

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in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4).

Regarding claim 6, which depends on claim 5, Pfister teaches producing markup language templates using identifiers—*customized extensions, to a markup language, referencing dynamic content*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0058, 0059, lines 14-0061, fig.4).

Regarding claim 7, which depends on claim 6, Pfister teaches producing markup language templates—*macro*-- using identifiers—*customized extensions, to a markup language, referencing dynamic content*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0051, 0058, 0059, lines 14-0061, fig.4).

Regarding claim 8, which depends on claim 5, Pfister teaches producing HTML templates—*macro*-- using identifiers—*customized extensions, to a markup language, referencing dynamic content*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0051, 0058, 0059, lines 14-0061, fig.4).

Regarding claim 9, which depends on claim 8, Pfister teaches producing HTML templates—*macro--* using identifiers—*customized extensions, to a markup language, referencing dynamic content--* for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting or displaying dynamic information, which is changed periodically, in the web page from a cache (0051, 0058, 0059, lines 14-0061, fig.4).

Regarding claim 10, which depends on claim 5, Pfister teaches producing HTML templates—*macro--* using identifiers for identifying dynamic content—*without user intervention*, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information (at a device such as PDA), which is changed periodically, in the web page from a cache (0040, 0051, 0058, 0059, lines 14-0061, fig.4).

Regarding claim 11, which depends on claim 5, Pfister teaches producing HTML templates using identifiers for identifying dynamic content—, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information in a Javascript enabled browser, which is changed periodically, in the web page from a cache (0037, 0051, 0058, 0059, lines 14-0061, fig.4). Pfister fails to explicitly disclose: *customized extensions to a script language*. However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to have generated Javascript references or

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extensions to dynamic content, because Pfister discloses above the implementation of Javascript (0059, fig.4--410). Thus providing a fuller, and more interactive navigation experience using the interactive powers of Javascript.

Regarding claim 12, which depends on claim 11, Pfister teaches producing HTML templates using identifiers for identifying dynamic content—, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information in a Javascript enabled browser, which is changed periodically, in the web page from a cache (0037, 0051, 0058, 0059, lines 14-0061, fig.4). Pfister fails to explicitly disclose: *customized extensions to Javascript*. However, it would have been obvious to a person of ordinary skill in the art at the time of the invention to have generated Javascript references or extensions to dynamic content, because Pfister discloses above the implementation of Javascript (0059, fig.4--410). Thus providing a fuller, and more interactive navigation experience using the interactive powers of Javascript.

Regarding claim 13, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page.

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Regarding claim 14, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout to be displayed at a location in the web page.

Regarding claim 17, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0040, 0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page. Pfister fails to explicitly disclose: *generating computer-executable instructions in a markup language for substituting at the mobile computing device the dynamic content for the one or more references to the dynamic content*. However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 18, which depends on claim 17, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0040, 0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page. Pfister fails to explicitly disclose: *generating computer-executable instructions in HTML*. However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 19, which depends on claim 18, Pfister teaches producing HTML templates using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0051, 0058, 0059, lines 14-0061, fig.4). Pfister fails to explicitly disclose: *generating computer-executable instructions that include customized macro extensions to HTML*. However, Pagemill teaches

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generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing HTML web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 24, which depends on claim 1, Pfister teaches using identifiers sending a web page, containing static and dynamic information, to a client from a server-- *transferring the template file* (0037-0038, fig.1). Pfister fails to explicitly disclose: *transferring the computer executable instructions that include HTML content*. However, Pagemill teaches CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to transfer to the client the web page including the CGI scripts by combining Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 25, which depends on claim 1, Pfister teaches using HTTP for downloading the web page (0047, 0049-0050, fig.4).

Regarding claim 26, which depends on claim 25, Pfister teaches using HTTP for downloading the web page (0047, 0049-0050, fig.4).

Regarding independent claim 27, Pfister teaches that templates are produced for presenting data to WML devices. The presented data takes the form of information such as ads which are changed or rotated by a cache in accordance with a schedule (0059, 0061).

Moreover, Pfister teaches a client for receiving a web page, containing static and dynamic information having identifiers, as sent from a server-- *receiving from a network computing device a template file* (0037-0038, 0059, lines 14-0061, fig.4, fig.1). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page--*includes static content, references to the dynamic content, as well as corresponding layout information in a template file.*

Further, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically by a cache—*receiving notification that dynamic content referenced by at least one of the references has changed to a current state and executing computer-executable instructions to thereby facilitate the inclusion of the current state of the dynamic content of the dynamic content in an appropriate location, in the web page from a cache* (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page.

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Furthermore, Pfister fails to explicitly disclose: *receiving from the network computing device computer- executable instructions for substituting the dynamic content for the one or more references to the dynamic content included in the template file, and executing computer-executable instructions, at the mobile computing device, to substitute the changed dynamic content for the at least one of the one or more references to the dynamic content, based on the notification that the dynamic content referenced by at least one or more references to the dynamic content has changed.* However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing or executing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill to receive the CGI scripts within the received web page to substitute changed dynamic information, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 28, which depends on claim 25, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information in a PDA, which is changed periodically, in the web page from a cache-- *storing the template file that includes static content, as well as corresponding layout information in system memory associated with the*

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mobile device (0040, 0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page.

Regarding claim 29, which depends on claim 27, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information using WAP, which is rotated or toggled periodically by a cache—*notification that was pushed to the mobile device* (0048, 0059, lines 14-0061, fig.4).

Regarding claim 30, which depends on claim 29, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information using WAP, which is rotated or toggled periodically by a cache— (0048, 0059, lines 14-0061, fig.4).

Regarding claim 31, which depends on claim 30, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element--* using WAP, which is rotated or toggled periodically by a cache (0048, 0059, lines 14-0061, fig.4).

Regarding claim 32, which depends on claim 31, Pfister teaches using identifiers—*URI--* for identifying dynamic content, such as item 412 displayed underneath static content 410 of the

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web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache (0048, 0059, lines 14-0061, fig.4).

Regarding claim 33, which depends on claim 31, Pfister teaches using identifiers in a template for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache (0048, 0059, lines 14-0061, fig.4).

Regarding claim 34, which depends on claim 31, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache—*dynamic content has changed* (0048, 0059, lines 14-0061, fig.4).

Regarding claim 35, which depends on claim 27, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache—*dynamic content has changed* (0048, 0059, lines 14-0061, fig.4).

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Regarding claim 36, which depends on claim 27, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache—*dynamic content has changed* (0048, 0059, lines 14-0061, fig.4).

Regarding claim 37, which depends on claim 27, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information—*service indication element*-- using WAP, which is rotated or toggled periodically by a cache—*storing notification* (0048, 0059, lines 14-0061, fig.4).

Regarding claim 38, which depends on claim 27, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the HTMLweb page in fig.4, used in loading, and presenting dynamic information, which is rotated or toggled periodically by a cache (0058, 0059, lines 14-0061, fig.4). Pfister fails to explicitly disclose: *executing markup language instructions*. However, Pagemill teaches generating and storing CGI scripts -- *computer-executable instructions*—included in web pages, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches

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extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Regarding claim 39, which depends on claim 38, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the HTMLweb page in fig.4, used in loading, and presenting dynamic information-, which is rotated or toggled periodically by a cache (0058, 0059, lines 14-0061, fig.4). Pfister fails to explicitly disclose: *executing HTML instructions*. However, Pagemill teaches generating and storing CGI scripts included in web pages-- *HTML instructions*—, for performing certain functions with the with data, such as personalizing web pages using placeholders which tell the computer to execute a certain specified function(s) for placing data on the web page (page 258-260, 263). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Pagemill, because Pagemill teaches extending the interactivity of web pages by customizing the data (page 259). Thus providing an efficient, and quick way for users to retrieve personalized static and dynamic data.

Claims 41-44 are directed towards a computer program product on a computer-readable medium for storing the steps found in claims 1, 1, 4 and 4 respectively, and therefore are similarly rejected.

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10. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pfister, in view of Donohue, further in view of Pagemill, and further in view of Twaddle (US Pub. # 2004/0015476 A1 1/22/2004, PCT filed on 8/31/2001).

Regarding claim 15, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0059, lines 14-0061, fig.4). In other words, the template dynamic identifiers, represent the dynamic content 412 and its position/layout in the web page. Pfister fails to explicitly disclose: *including the static content, the references to the dynamic content, as well as corresponding layout information in a template file that is capable of including content of a plurality of different formats*. However, Twaddle teaches mail merging static, and dynamic content into a template file, which has a master layout for including HTML, WML, and XML, the elements to be included in the web page (0049, 0061, appendix A). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, and Twaddle, because Twaddle teaches the generation of dynamic data as to accommodate large number of users (0035). Thus providing an efficient, and quick way for users to retrieve static and dynamic data.

11. Claims 16, and 20-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pfister, in view of Donohue, further in view of Pagemill, and further in view of Orhormuru (US Pub. # 2003/0061106 A1 3/27/2003, filed on 9/21/2001).

Regarding claim 16, which depends on claim 15, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the WML web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0048, 0059, lines 14-0061, 0040, fig.4). Pfister fails to explicitly disclose: *a MIME file*. However, Orhormuru teaches using a MIME type for WML for viewing and accessing web pages using mobile devices (0077). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, Pagemill, and Orhormuru, because Pfister teaches above the viewing of web pages using mobile devices, which provides a flexible method of viewing web pages using portable and mobile devices, which can be easily transported.

Regarding claim 20, which depends on claim 1, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the WML web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0048, 0059, lines 14-0061, 0040, fig.4). Pfister fails to explicitly disclose: *transferring the template file in a MIME format*. However, Orhormuru teaches using a MIME type for WML for viewing and accessing web pages using mobile devices (0077). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, Pagemill, and Orhormuru, because Pfister teaches above the viewing of web pages using mobile devices, which provides a flexible method of viewing web pages using portable and mobile devices, which can be easily transported.

Regarding claim 21, which depends on claim 20, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the WAP web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0048, 0059, lines 14-0061, 0040, fig.4). Pfister fails to explicitly disclose: *transferring the template file in a MIME format*. However, Orhormuru teaches using a MIME type for WML for viewing and accessing web pages using mobile devices (0077). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, Pagemill, and Orhormuru, because Pfister teaches above the viewing of web pages using mobile devices, which provides a flexible method of viewing web pages using portable and mobile devices, which can be easily transported.

Regarding claim 22, which depends on claim 21, Pfister teaches using identifiers-- *associated with a specific application id*-- for identifying dynamic content, such as item 412 displayed underneath static content 410 of the WML web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0048, 0059, lines 14-0061, 0040, fig.4). Pfister fails to explicitly disclose: *MIME format*. However, Orhormuru teaches using a MIME type for WML for viewing and accessing web pages using mobile devices (0077). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, Pagemill, and Orhormuru, because Pfister teaches above the viewing of web pages using mobile devices, which provides a flexible

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method of viewing web pages using portable and mobile devices, which can be easily transported.

Regarding claim 23, which depends on claim 22, Pfister teaches using identifiers for identifying dynamic content, such as item 412 displayed underneath static content 410 of the WML web page in fig.4, used in loading, and presenting dynamic information, which is changed periodically, in the web page from a cache (0048, 0059, lines 14-0061, 0040, fig.4). Pfister fails to explicitly disclose: *content encoded in a MIME format associated with a specific application id that identifies the template file as including content encoded in a MIME format--*. However, Orhormuru teaches using a MIME type for WML for viewing and accessing web pages using mobile devices (0077). It would have been obvious to a person of ordinary skill in the art at the time of the invention to have combined Pfister, Pagemill, and Orhormuru and provide MIME encoded templates, because Pfister teaches above the viewing of web pages using mobile devices, which provides a flexible method of viewing dynamic web pages using portable and mobile devices, which can be easily transported.

Response to Arguments

12. Applicant's arguments with respect to claims 1-39, 41-44 have been considered but are moot in view of the new ground(s) of rejection. Regarding claims 1, 27, 41, and 43, Applicants submit that Pfister, and Twaddle fail to explicitly teach the newly amended claims (pages 18-19). The Applicants are directed towards the new grounds of rejection above in light of the newly introduced amendment.

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Conclusion

13. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Samar (Pat. # 6,563,514), and Knight (Pat. # 2002/0062264).

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (571) 272-4128. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (571) 272-4124. However, in such a case, please allow at least one business day.

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Any response to this Action should be mailed to:


Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- (703) 703-872-9306, (for all Formal communications intended for entry)


CESAR PAULA
PRIMARY EXAMINER
5/10/05